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L13	((435/69.1)!.CCLS.)	15937	L13
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                 (SEMAPHORIN OR SEMAPHORINS)

=> s human semaphorin
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L2          49 HUMAN SEMAPHORIN
                 (HUMAN(W)SEMAPHORIN)

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L2   ANSWER 1 OF 49  CAPLUS  COPYRIGHT 2003 ACS on STN
AN   2003:777852  CAPLUS
TI   Semaphorin 4A/Tim-2 signaling pathway
IN   Kikutani, Hitoshi; Kumanogoh, Atsushi; Barsoumian, Edward Leon
PA   Boehringer Ingelheim International G.m.b.H., Germany
SO   PCT Int. Appl., 55 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
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PRAI DE 2002-10213762  A    20020326
RE.CNT  6     THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L2   ANSWER 2 OF 49  CAPLUS  COPYRIGHT 2003 ACS on STN
AN   2003:373862  CAPLUS
DN   138:380364
TI   A nucleic acid array of genes associated with disease responses in
     macrophages and their use in the diagnosis of disease
IN   Stuhlmueller, Bruno; Haeupl, Thomas
PA   Oligene G.m.b.H., Germany
SO   Eur. Pat. Appl., 180 pp.
     CODEN: EPXXDW
DT   Patent
LA   German
FAN.CNT 1
     PATENT NO.        KIND  DATE            APPLICATION NO.  DATE
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PI   EP 1310567         A2   20030514        EP 2002-90348    20021002
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     DE 10155600        A1   20030522        DE 2001-10155600 20011109
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L2 ANSWER 3 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:187091 CAPLUS
DN 138:219713
TI Differentially expressed gene expression profiles in human glomerular diseases
IN Munger, William E.; Falk, Ronald; Sun, Hongwei; Sasai, Hitoshi; Waga, Iwao; Yamamoto, Jun
PA Gene Logic, Inc., USA; University of North Carolina At Chapel Hill
SO PCT Int. Appl., 781 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 9

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PI	WO 2003016476	A2	20030227	WO 2002-XH25766	20020814
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PRAI	US 2001-311837P	P	20010814		
	WO 2002-US25766	A	20020814		

L2 ANSWER 4 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:187090 CAPLUS
DN 138:219712
TI Differentially expressed gene expression profiles in human glomerular diseases
IN Munger, William E.; Falk, Ronald; Sun, Hongwei; Sasai, Hitoshi; Waga, Iwao; Yamamoto, Jun
PA Gene Logic, Inc., USA; University of North Carolina At Chapel Hill
SO PCT Int. Appl., 781 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 9

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PI	WO 2003016476	A2	20030227	WO 2002-XG25766	20020814
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NE, SN, TD, TG
PRAI US 2001-311837P P 20010814
WO 2002-US25766 A 20020814

L2 ANSWER 5 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:187085 CAPLUS
DN 138:185695
TI Differentially expressed gene expression profiles in human glomerular diseases
IN Munger, William E.; Falk, Ronald; Sun, Hongwei; Sasai, Hitoshi; Waga, Iwao; Yamamoto, Jun
PA Gene Logic, Inc., USA; University of North Carolina At Chapel Hill
SO PCT Int. Appl., 781 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 9

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PRAI US 2001-311837P P 20010814
WO 2002-US25766 A 20020814

L2 ANSWER 6 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:169669 CAPLUS
DN 138:335398
TI Semaphorin SEMA3F and VEGF have opposing effects on cell attachment and spreading
AU Nasarre, Patrick; Constantin, Bruno; Rouhaud, Lydie; Harnois, Thomas; Raymond, Guy; Drabkin, Harry A.; Bourmeyster, Nicolas; Roche, Joelle
CS IBMIG, EA 2224, Universite de Poitiers, Poitiers, 86022, Fr.
SO Neoplasia (New York, NY, United States) (2003), 5(1), 83-92
CODEN: NEOPFL; ISSN: 1522-8002
PB Nature Publishing Group
DT Journal
LA English
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:76534 CAPLUS
DN 138:133487
TI Semaphorin 3 in methods for diagnosing and treating Alzheimer's disease and Parkinson's disease

PA Mount Sinai School of Medicine of New York University, USA
SO PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

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PRAI	US 2001-306827P	P	20010720		

L2 ANSWER 8 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:978839 CAPLUS
DN 138:84533
TI cDNA and protein sequence of a novel ***human*** ***semaphorin*** B sequence homolog and their uses in drug screening, diagnosis and therapeutics
IN Mao, Yumin; Xie, Yi
PA Bode Gene Development Co., Ltd., Shanghai, Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 33 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1342663	A	20020403	CN 2000-125154	20000912
PRAI	CN 2000-125154		20000912		

L2 ANSWER 9 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:696159 CAPLUS
DN 137:246071
TI Gene expression profiles relating to normal and osteoarthritic cartilage
IN Liew, Choong-Chin; Marshall, Wayne E.; Zhang, Hongwei
PA Chondrogene Inc., Can.
SO PCT Int. Appl., 777 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002070737	A2	20020912	WO 2002-CA247	20020228
	WO 2002070737	C1	20021031		
	WO 2002070737	C2	20031002		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-271955P	P	20010228		
	US 2001-275017P	P	20010312		
	US 2001-305340P	P	20010713		

L2 ANSWER 10 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:676217 CAPLUS
DN 137:228941
TI Novel methods of diagnosis of metastatic colorectal cancer, compositions

IN Mack, David H.; Markowitz, Sanford David
PA Eos Biotechnology, Inc., USA; Case Western Reserve University
SO PCT Int. Appl., 260 pp.
    CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002068677	A2	20020906	WO 2002-US6001	20020114
	WO 2002068677	C1	20030320		

        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI	US 2001-272206P	P	20010227
	US 2001-281149P	P	20010402
	US 2001-284555P	P	20010417

L2 ANSWER 11 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:335851 CAPLUS
DN 137:288612
TI Semaphorin 3F gene from human 3p21.3 suppresses tumor formation in nude mice
AU Xiang, RuiHua; Davalos, Albert R.; Hensel, Charles H.; Zhou, Xiao-Jun; Tse, Christin; Naylor, Susan L.
CS Department of Cellular and Structural Biology, The University of Texas Health Science Center, San Antonio, TX, 78229-3900, USA
SO Cancer Research (2002), 62(9), 2637-2643
    CODEN: CNREA8; ISSN: 0008-5472
PB American Association for Cancer Research
DT Journal
LA English
RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
            ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:285562 CAPLUS
DN 137:61578
TI Expressed gene sets as markers for specific tumors
IN Ramaswamy, Sridhar; Golub, Todd B.; Tamayo, Pablo; Angelo, Michael
PA Whitehead Institute for Biomedical Research, USA; Danna-Farber Cancer Institute, Inc.
SO PCT Int. Appl., 715 pp.
    CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002024956	A2	20020328	WO 2001-XB29287	20010919

        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

	WO 2002024956	A2	20020328	WO 2001-US29287	20010919
	WO 2002024956	C1	20030306		
	WO 2002024956	A3	20030626		

        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-233534P P 20000919
US 2001-278749P P 20010326
WO 2001-US29287 W 20010919

L2 ANSWER 13 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:108262 CAPLUS
DN 136:292567
TI ***Human*** ***Semaphorin*** 3B (SEMA3B) located at chromosome 3p21.3 suppresses tumor formation in an adenocarcinoma cell line
AU Tse, Christin; Xiang, Ruinua H.; Bracht, Todd; Naylor, Susan L.
CS Sagres Discovery, Davis, CA, 95616, USA
SO Cancer Research (2002), 62(2), 542-546
CODEN: CNREA8; ISSN: 0008-5472
PB American Association for Cancer Research
DT Journal
LA English
RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 14 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:51517 CAPLUS
DN 136:97358
TI A human 9 kilodalton semaphorin sequence homolog, protein and cDNA sequences, recombinant production and therapeutic uses
IN Mao, Yumin; Xie, Yi
PA Biowindow Gene Development Inc. Shanghai, Peop. Rep. China
SO PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DT Patent
LA Chinese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002004505	A1	20020117	WO 2001-CN995	20010618
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CN 1329060	A	20020102	CN 2000-116602	20000619
PRAI CN 2000-116602	A	20000619		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 15 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:886847 CAPLUS
DN 136:33670
TI cDNAs encoding ***human*** ***semaphorin*** ZSMF-16 and its use in detecting chromosomal abnormalities associated with neurological diseases and cancer
IN Holloway, James L.; Foley, Kevin P.
PA USA
SO U.S. Pat. Appl. Publ., 58 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2001049432	A1	20011206	US 2000-731179	20001206
PRAI US 1999-169238P	P	19991206		

L2 ANSWER 16 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:851378 CAPLUS
DN 136:1706
TI Novel ***human*** ***semaphorin*** homologs and polynucleotides encoding the same
IN Walke, D. Wade; Wang, Xiaoming; Scoville, John; Turner, C. Alexander, Jr.
PA Lexicon Genetics Incorporated, USA

CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001088133	A2	20011122	WO 2001-US15489	20010514
WO 2001088133	A3	20030508		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002098491	A1	20020725	US 2001-854845	20010514
PRAI US 2000-205274P	P	20000518		
US 2000-208893P	P	20000602		

L2 ANSWER 17 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:545840 CAPLUS
DN 135:148209
TI Novel ***human*** ***semaphorin*** -like protein identified by sequence similarity
IN Boyle, Bryan J.; Yeung, George Y.; Arterburn, Matthew C.; Mize, Nancy K.; Tang, Y. Tom; Liu, Chenghua; Drmanac, Radoje T.
PA Hyseq, Inc., USA
SO PCT Int. Appl., 141 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 84

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001053466	A1	20010726	WO 2000-US35158	20001222

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6635742	B1	20031021	US 2000-653274	20000831
AU 2001025965	A5	20010731	AU 2001-25965	20001222
EP 1242580	A1	20020925	EP 2000-989452	20001222

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRAI US 1999-471275	A	19991223	
US 2000-588725	A	20000121	
US 2000-552317	A	20000425	
US 2000-653274	A	20000831	
US 2000-488725	A	20000121	
US 2000-491404	B2	20000125	
WO 2000-US35158	W	20001222	
WO 2000-US35190	W	20001222	

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 18 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:526103 CAPLUS
DN 135:117922
TI Cloning and cDNA sequence of ***human*** ***semaphorin*** R/6B and its use in cancer diagnosis and therapeutics
IN Simpson, Andrew John George; Correa, Ricardo; De Souzo, Sandro
PA Ludwig Institute for Cancer Research, USA
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI WO 2001051518 A2 20010719 WO 2001-US1275 20010112
WO 2001051518 A3 20020919
W: AU, CA, CN, JP, KR, US
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR
PRAI US 2000-483618 A 20000114

L2 ANSWER 19 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:416986 CAPLUS
DN 135:29877
TI Protein and cDNA sequences encoding ***human*** ***semaphorin*** ZSMF-16, and diagnostic and therapeutic uses thereof
IN Holloway, James L.; Foley, Kevin P.
PA Zymogenetics, Inc., USA
SO PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001040278	A2	20010607	WO 2000-US33116	20001206
WO 2001040278	A3	20011129		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-455560 A 19991206

L2 ANSWER 20 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:338574 CAPLUS
DN 134:352279
TI ***Human*** ***semaphorin***
IN Holloway, James L.
PA Zymogenetics, Inc., USA
SO PCT Int. Appl., 91 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001032707	A1	20010510	WO 2000-US30061	20001101

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-432333 A 19991102
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 21 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:335323 CAPLUS
DN 136:113426
TI ***Human*** ***semaphorin*** 6B [(HSA)SEMA6B], a novel human class 6 semaphorin gene: alternative splicing and all-trans-retinoic acid-dependent downregulation in glioblastoma cell lines
AU Correa, R. G.; Sasahara, R. M.; Bengtson, M. H.; Katayama, M. L. H.; Salim, A. C. M.; Brentani, M. Mitzi; Sogayar, M. C.; de Souza, S. J.; Simpson, A. J. G.
CS Ludwig Institute for Cancer Research, Sao Paulo, SP, 01509-010, Brazil
SO Genomics (2001), 73(3), 343-348
CODEN: GNMCEP; ISSN: 0888-7543
PB Academic Press
DT Journal

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 22 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:368570 CAPLUS
DN 133:13439
TI Protein and cDNA sequences of ***human*** ***semaphorin*** 6A-1 (SEMA6A-1), a gene involved in neuronal development and regeneration mechanisms during apoptosis, and diagnostic and therapeutic uses thereof
IN Behl, Christian; Klostermann, Andreas
PA Max-Planck-Gesellschaft zur Forderung der Wissenschaften E.V., Germany
SO PCT Int. Appl., 53 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000031252	A1	20000602	WO 1999-EP9215	19991126
W: CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1135488	A1	20010926	EP 1999-962171	19991126
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI EP 1998-122441	A	19981126		
WO 1999-EP9215	W	19991126		

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 23 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:98753 CAPLUS
DN 132:162010
TI Method for diagnosing hereditary diseases by detecting semaphorin W gene mutation and a method for detg. the genotype of semaphorin W gene
IN Kimura, Toru; Encinas, Jeffrey Adam
PA Sumitomo Pharmaceuticals Company, Limited, Japan
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000006725	A1	20000210	WO 1999-JP4120	19990730
W: CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI JP 1998-217467		19980731		
JP 1999-46833		19990224		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 24 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:789589 CAPLUS
DN 132:48228
TI Cloning of cDNA for ***human*** ***semaphorin*** K1
IN Luo, Yulin; Sue, Xiaomei
PA Exelixis Pharmaceuticals, Inc., USA
SO Jpn. Kokai Tokkyo Koho, 58 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 11341988	A2	19991214	JP 1999-65672	19990311
US 6225285	B1	20010501	US 1998-41236	19980311
US 2002177549	A1	20021128	US 2001-771467	20010126
US 6583277	B2	20030624		
PRAI US 1998-41236	A	19980311		

L2 ANSWER 25 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:736926 CAPLUS
DN 131:347556

semaphorin polypeptides
IN Spriggs, Melanie K.
PA Immunex Corporation, USA
SO PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9958676	A2	19991118	WO 1999-US9831	19990505
WO 9958676	A3	20000120		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9937874	A1	19991129	AU 1999-37874	19990505
EP 1076697	A2	20010221	EP 1999-920356	19990505

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

PRAI US 1998-85497P	P	19980514	
WO 1999-US9831	W	19990505	

L2 ANSWER 26 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:664846 CAPLUS
DN 132:2144
TI Differential Cytoskeletal Changes during Growth Cone Collapse in Response to hSema III and Thrombin
AU Fritsche, Jens; Reber, Bernhard F.-X.; Schindelholz, Benno; Bandtlow, Christine E.
CS Brain Research Institute, University of Zurich, Swiss Federal Institute of Technology Zurich, Zurich, 8057, Switz.
SO Molecular and Cellular Neuroscience (1999), 14(4/5), 398-418
CODEN: MOCNED; ISSN: 1044-7431
PB Academic Press
DT Journal
LA English
RE.CNT 137 THERE ARE 137 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 27 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:655622 CAPLUS
DN 132:164290
TI Identification of semaphorin E gene expression in metastatic human lung adenocarcinoma cells by mRNA differential display
AU Martin-Satue, Mireia; Blanco, Jeronimo
CS Departament de Biologia Cel.lular, Institut de Recerca Oncologica, Barcelona, 08907, Spain
SO Journal of Surgical Oncology (1999), 72(1), 18-23
CODEN: JSONAU; ISSN: 0022-4790
PB Wiley-Liss, Inc.
DT Journal
LA English
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 28 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:577020 CAPLUS
DN 131:195465
TI Protein and cDNA sequences encoding ***human*** ***semaphorin*** ZSMF-7, and diagnostic and therapeutic uses thereof
IN Holloway, James L.; Lofton-Day, Catherine E.
PA Zymogenetics, Inc., USA
SO PCT Int. Appl., 90 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

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     WO 9945114         A3   19991104
         W:  AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
             KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
             NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
             UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
             ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
             CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 9929827         A1   19990920       AU 1999-29827    19990303
PRAI US 1998-76611P     P    19980303
     WO 1999-US4758     W    19990303

L2   ANSWER 29 OF 49  CAPLUS  COPYRIGHT 2003 ACS on STN
AN   1999:505818  CAPLUS
DN   131:128202
TI   Human genes for members of the semaphorin family of proteins and the
     development of novel therapeutics
IN   Michalovich, David; Hayes, Philip D.; Doe, Trudy R.
PA   Smithkline Beecham Plc, UK
SO   Eur. Pat. Appl., 29 pp.
     CODEN: EPXXDW
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.         KIND  DATE           APPLICATION NO.  DATE
     ---------------    ----  --------       ---------------  --------
PI   EP 933425           A1   19990804       EP 1998-203287   19980930
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
     JP 11225778         A2   19990824       JP 1998-306049   19981027
     JP 2002281988       A2   20021002       JP 2001-388219   19981027
     US 2003022822       A1   20030130       US 2001-808665   20010315
PRAI EP 1998-300693      A    19980130
     GB 1998-16423       A    19980728
     GB 1998-16676       A    19980730
     US 1998-160762      B1   19980924
     JP 1998-306049      A3   19981027
RE.CNT  3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2   ANSWER 30 OF 49  CAPLUS  COPYRIGHT 2003 ACS on STN
AN   1999:495311  CAPLUS
DN   131:128201
TI   Human genes for members of the semaphorin family of proteins and the
     development of novel therapeutics
IN   Michalovich, David; Hayes, Philip David
PA   Smithkline Beecham PLC, UK
SO   PCT Int. Appl., 34 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.         KIND  DATE           APPLICATION NO.  DATE
     ---------------    ----  --------       ---------------  --------
PI   WO 9938885          A2   19990805       WO 1999-EP422    19990125
     WO 9938885          A3   20000106
         W:  JP
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
     EP 1066317          A2   20010110       EP 1999-906192   19990125
         R:  BE, CH, DE, DK, FR, GB, IT, LI, NL
     US 6197544          B1   20010306       US 1999-240410   19990129
     US 2002106722       A1   20020808       US 2001-764587   20010118
PRAI EP 1998-300694      A    19980130
     WO 1999-EP422       W    19990125
     US 1999-240410      A3   19990129

L2   ANSWER 31 OF 49  CAPLUS  COPYRIGHT 2003 ACS on STN
AN   1999:458318  CAPLUS
DN   131:255101
TI   Collapsin-1/semaphorin D is a repellent for chick ganglion of Remak axons
AU   Shepherd, Iain T.; Raper, Jonathan A.
CS   Department of Neurosciences, University of Pennsylvania School of
     Medicine, Philadelphia, PA, 19104, USA
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CODEN: DEBIAO; ISSN: 0012-1606
PB Academic Press
DT Journal
LA English
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 32 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:421774 CAPLUS
DN 131:55530
TI Cloning and cDNA sequence encoding ***human*** ***semaphorin*** ZSMF-3
IN Holloway, James L.
PA Zymogenetics, Inc., USA
SO PCT Int. Appl., 97 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9932622	A2	19990701	WO 1998-US26793	19981216
WO 9932622	A3	19990910		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9920002	A1	19990712	AU 1999-20002	19981216
PRAI US 1997-994494		19971219		
WO 1998-US26793		19981216		

L2 ANSWER 33 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:184449 CAPLUS
DN 131:3108
TI Distribution of semaphorin IV in adult human brain
AU Hirsch, Etienne; Hu, Ling-Jia; Prigent, Annick; Constantin, Bruno; Agid, Yves; Drabkin, Harry; Roche, Joelle
CS INSERM U289, Hopital de la Salpetriere, Paris, 75651, Fr.
SO Brain Research (1999), 823(1,2), 67-79
CODEN: BRREAP; ISSN: 0006-8993
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 34 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:64611 CAPLUS
DN 130:106706
TI Human and murine semaphorin L proteins and nucleic acids encoding them and treatment of immunological disorders
IN Fleckenstein, Bernhard; Ensser, Armin
PA Hoechst Marion Roussel Deutschland GmbH, Germany
SO Eur. Pat. Appl., 135 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 892047	A2	19990120	EP 1998-112470	19980706
EP 892047	A3	20000308		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

DE 19729211	A1	19990114	DE 1997-19729211	19970709
DE 19729211	C2	19990422		
DE 19805371	A1	19990812	DE 1998-19805371	19980211
PRAI DE 1997-19729211	A	19970709		
DE 1998-19805371	A	19980211		

L2 ANSWER 35 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN

DN 130:235115
TI Cloning and expression pattern of a murine semaphorin homologous to H-sema IV
AU Eckhardt, Florian; Meyerhans, Andreas
CS Institute of Medical Microbiology and Hygiene, Department of Virology, University of the Saarland, Homburg, 66421, Germany
SO NeuroReport (1998), 9(17), 3975-3979
CODEN: NERPEZ; ISSN: 0959-4965
PB Lippincott Williams & Wilkins
DT Journal
LA English
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 36 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:14133 CAPLUS
DN 130:265203
TI Molecular cloning and expression of murine homolog of semaphorin K1 gene
AU Sato, Yo; Takahashi, Hiroshi
CS Mitsubishi Kasei Institute of Life Sciences, Machida-shi, Tokyo, 194, Japan
SO Biochimica et Biophysica Acta (1998), 1443(3), 419-422
CODEN: BBACAQ; ISSN: 0006-3002
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 37 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:790669 CAPLUS
DN 130:34011
TI Cloning and cDNA sequence of ***human*** ***semaphorin*** E
IN Jacobs, Kenneth; McCoy, John M.; Lavallie, Edward R.; Racie, Lisa A.; Merberg, David; Treacy, Maurice; Spaulding, Vikki; Agostino, Michael J.; Howes, Steven H.; Fechtel, Kim
PA Genetics Institute, Inc., USA
SO PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9853065	A1	19981126	WO 1998-US10188	19980519
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5981222	A	19991109	US 1997-858834	19970519
	AU 9874968	A1	19981211	AU 1998-74968	19980519
	EP 1002072	A1	20000524	EP 1998-922415	19980519
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002503099	T2	20020129	JP 1998-550509	19980519
PRAI	US 1997-858834	A	19970519		
	US 1998-80695	A	19980518		
	US 1996-702080	A3	19960823		
	WO 1998-US10188	W	19980519		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 38 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:582650 CAPLUS
DN 129:312334
TI ***Human*** ***semaphorin*** K1 is glycosylphosphatidylinositol-linked and defines a new subfamily of viral-related semaphorins
AU Xu, Xiaomei; Ng, Sheldon; Wu, Zhi-Liang; Nguyen, Dat; Homburger, Sheila; Seidel-Dugan, Cynthia; Ebens, Allen; Luo, Yuling
CS Exelixis Pharmaceuticals, Inc., South San Francisco, CA, 94080, USA
SO Journal of Biological Chemistry (1998), 273(35), 22428-22434

PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
            ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 39 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:239289 CAPLUS
DN 128:306868
TI Cloning of cDNA for novel mammalian semaphorin W and use
IN Kimura, Toru; Kikuchi, Kaoru
PA Sumitomo Pharmaceuticals Company, Limited, Japan; Kimura, Toru; Kikuchi,
    Kaoru
SO PCT Int. Appl., 90 pp.
    CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9815628	A1	19980416	WO 1997-JP3549	19971003
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9743989	A1	19980505	AU 1997-43989	19971003
	EP 945505	A1	19990929	EP 1997-942242	19971003
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
PRAI	JP 1996-287636		19961009		
	WO 1997-JP3549		19971003		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
           ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 40 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:184009 CAPLUS
DN 128:255647
TI Cloning of cDNA for novel semaphorin Y from rat and human and use
IN Kimura, Toru; Kikuchi, Kaoru
PA Sumitomo Pharmaceuticals Company, Limited, Japan; Kimura, Toru; Kikuchi,
    Kaoru
SO PCT Int. Appl., 85 pp.
    CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9811216	A1	19980319	WO 1997-JP3167	19970909
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9741367	A1	19980402	AU 1997-41367	19970909
	EP 960937	A1	19991201	EP 1997-939229	19970909
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
	US 6566094	B1	20030520	US 1999-254594	19990511
	US 2003077669	A1	20030424	US 2002-300834	20021121
PRAI	JP 1996-263565	A	19960911		
	JP 1997-227220	A	19970808		
	WO 1997-JP3167	W	19970909		
	US 1999-254594	A3	19990511		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
           ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 41 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:82777 CAPLUS
DN 128:214677

from the Cri-du-chat candidate interval
AU Simmons, Andrew D.; Puschel, Andreas W.; McPherson, John D.; Overhauser, Joan; Lovett, Michael
CS Dep. Otorhinolaryngology, Dep. Mol. Biol. Oncol. McDermott Cent., Univ. Texas Southwestern Med. Center, Dallas, TX, 75235-8591, USA
SO Biochemical and Biophysical Research Communications (1998), 242(3), 685-691
CODEN: BBRCA9; ISSN: 0006-291X
PB Academic Press
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 42 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:26761 CAPLUS
DN 128:162595
TI Identification of semaphorin E as a non-MDR drug resistance gene of human cancers
AU Yamada, Tesshi; Endo, Ritsuko; Gotoh, Masahiro; Hirohashi, Setsuo
CS Pathology Division, National Cancer Center Research Institute, Tokyo, 104, Japan
SO Proceedings of the National Academy of Sciences of the United States of America (1997), 94(26), 14713-14718
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 43 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:637468 CAPLUS
DN 127:317793
TI The ***human*** ***semaphorin*** -like leukocyte cell surface molecule CD100 associates with a serine kinase activity
AU Elhahazi, Abdellah; Lang, Valerie; Herold, Cecile; Freeman, Gordon J.; Bensussan, Armand; Boumsell, Laurence; Bismuth, Georges
CS Laboratoire d'Immunologie, Faculte de Medecine de Creteil, INSERM U448, Creteil, 94010, Fr.
SO Journal of Biological Chemistry (1997), 272(38), 23515-23520
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

L2 ANSWER 44 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:470109 CAPLUS
DN 127:107185
TI Cloning and expression of cDNA for rat and ***human*** ***semaphorin*** Z and its clinical applications
IN Kimura, Toru; Kikuchi, Kaoru
PA Sumitomo Pharmaceuticals Company, Limited, Japan; Kimura, Toru; Kikuchi, Kaoru
SO PCT Int. Appl., 106 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9720928	A1	19970612	WO 1996-JP3517	19961202
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2239753	AA	19970612	CA 1996-2239753	19961202
CA 2239753	C	20030107		
AU 9676555	A1	19970627	AU 1996-76555	19961202
EP 896058	A1	19990210	EP 1996-939335	19961202
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				

	US 2003167482	A1	20030904	US 2003-391413	20030319
PRAI	JP 1995-345187	A	19951206		
	JP 1996-307205	A	19961031		
	WO 1996-JP3517	W	19961202		
	US 1998-77940	A3	19980605		

L2 ANSWER 45 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:328425 CAPLUS
DN 127:63504
TI Identification of ***human*** ***semaphorin*** E gene expression in rheumatoid synovial cells by mRNA differential display
AU Mangasser-Stephan, Kerstin; Dooley, Steven; Welter, Cornelius; Mutschler, Wolf; Hanselmann, Rainer G.
CS Department of Traumatology, University of Saarland, Germany
SO Biochemical and Biophysical Research Communications (1997), 234(1), 153-156
CODEN: BBRCA9; ISSN: 0006-291X
PB Academic
DT Journal
LA English

L2 ANSWER 46 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:286899 CAPLUS
DN 124:334370
TI ***Human*** ***semaphorins*** A(V) and IV reside in the 3p21.3 small cell lung cancer deletion region and demonstrate distinct expression patterns
AU Sekido, Yoshitaka; Bader, Scott; Latif, Farida; Chen, Jeou-Yuan; Duh, Fuh-Mei; Wei, Ming-Hui; Albanesi, Joseph P.; Lee, Cheng-Chi; Lerman, Michael I.; Minna, John D.
CS Hamon Cent. Therapeutic Oncol. Res., Univ. Texas Southwestern Med. Cent., Dallas, TX, 75235, USA
SO Proceedings of the National Academy of Sciences of the United States of America (1996), 93(9), 4120-4125
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English

L2 ANSWER 47 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:198551 CAPLUS
DN 124:257106
TI Distinct 3p21.3 deletions in lung cancer and identification of a new ***human*** ***semaphorin***
AU Roche, J.; Boldog, F.; Robinson, M.; Robinson, L.; Varella-Garcia, M.; Swanton, M.; Waggoner, B.; Fishel, R.; Franklin, W.; et al.
CS Health Sciences and Cancer Centers, Univ. Colorado, Denver, CO, 80262, USA
SO Oncogene (1996), 12(6), 1289-97
CODEN: ONCNES; ISSN: 0950-9232
PB Stockton
DT Journal
LA English

L2 ANSWER 48 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:133858 CAPLUS
DN 124:199316
TI Isolation of the ***human*** ***semaphorin*** III/F gene (SEMA3F) at chromosome 3p21, a region deleted in lung cancer
AU Xiang, Rui-Hua; Hensel, Charles H.; Garcia, Dawn K.; Carlson, Helene C.; Kok, Klaas; Daly, Maria C.; Kerbacher, Karen; van den Berg, Anke; Velhuis, Patrick; et al.
CS Dep. of Cellular & Structural Biology, Univ. of Texas Health Science Center at San Antonio, San Antonio, TX, 78284-7762, USA
SO Genomics (1996), 32(1), 39-48
CODEN: GNMCEP; ISSN: 0888-7543
PB Academic
DT Journal
LA English

L2 ANSWER 49 OF 49 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:155251 CAPLUS
DN 120:155251
TI The semaphorin genes encode a family of transmembrane and secreted growth cone guidance molecules
AU Kolodkin, Alex L.; Matthes, David J.; Goodman, Corey S.